

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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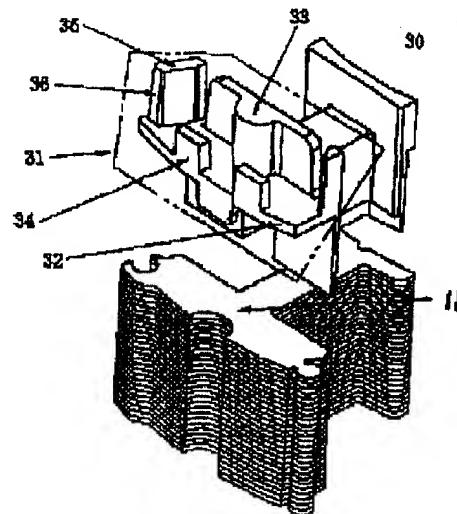
APPLICATION DATE : 28-03-97  
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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : TAKASAKI KAKUEI;

INT.CL. : H02K 1/18 H02K 3/34 H02K 15/095 //  
H02K 1/14

TITLE : CONSTITUENT MEMBER OF MOTOR  
STATOR



ABSTRACT : PROBLEM TO BE SOLVED: To make it possible to perform wiring by giving an optimum length to a crossover between core segments, by covering the core segments and providing an insulator having a space for inserting the crossover, when producing a stator by rounding a serial body comprising a plurality of core segments and making a ring-shaped body.

SOLUTION: A serial body comprising a plurality of core segments 11 coupled in a movable manner is formed, a coil is wound to each core segment 11, and then it is covered with an insulator 30. Here, each crossover between coils is inserted through a wiring space between a back plate 33 of each insulator and an outer guide 34, and is positioned by a tip portion 36 of a crossover guide 35 of an insulator 30 over a bent tie portion of a core segment 11. By doing this, the cross over can be wired by providing the optimum length having no tension nor deflection, when producing a stator by forming a ring-shaped body after bending each core segment 11.

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